



Mr. Larry O. Johnson

Experience in nuclear electronic design, radiation measurement systems, and reactor instrumentation design.

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Education: BSEE from South Dakota School of Mines, graduate studies in mathematics and electrical engineering through the University of Idaho.

Work Experience: Worked for the site prime contractor at INL from 1963 to 1995. Worked in both the Physics Division and Engineering Division. Retired from INL in 1995. Since that time, has worked as an independent consultant to the INL on ATR and ATRC instrumentation problems, Swepp gamma and neutron assay systems,

and borehole well logging detectors and signal conditioning electronics. Most recently, consulting with GTI in the areas of electronic systems and nuclear detector applications.

Professional endeavors: Currently re-retired and dabbling in building, remodeling, and cabinet making.

Patents:

U.S. Patent No. 4,968,889 – Pulser Injection with Subsequent Removal in Gamma-Ray Spectrometry

U.S. Patent No. 5,206,174 – Method of Photon Spectral Analysis

U.S. Patent No. 5,552,610 – Device and Method for Accurately Measuring Concentrations of Airborne Transuranics

U.S. Patent No. 6,229,377 – Dual Amplitude Pulse Generator for Radiation Detectors

U.S. Patent No. 6,452,191 – Multiple Cell Radiation Detector, System and Method and Submersible Sonde

Licensing information

For information on licensing INL technologies such as those developed by Mr. Johnson, contact the Lead Account Executive for Nuclear Science and Technology:

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